

BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineer

Yelahanka Division

B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/12/2022-23 Dated: 26-08-2022

APPROVED TENDER SCHEDULE -'B'

Item 55

Name of Work:-Improvements to BBMP building at Sandeep unnikrishnan main road thirumalanagara in Attur ward no-04 of yelahanka Satellite town sub division

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri BHARATH G R (S R CONSTRUCTIONS)	
				Rate	Rate in Words
1	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work. Depth exceeding 1.5m, but not exceeding 3 m	Cum	7.29	185.20	One Hundred EightyFive Paise Twenty Only
2	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.	Cum	1.46	2383.27	Two Thousand Three Hundred EightyThree Paise TwentySeven Only
3	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and	Cum	47.65	5168.60	Five Thousand One Hundred SixtyEight Paise Sixty Only
4	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	1.71	6022.20	Six Thousand TwentyTwo Paise Twenty Only

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BANGALORE - 560064

	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates -Column Upto Beam Bottom	Cum	0.50	6332.40	Six Thousand Three Hundred ThirtyTwo Paise Fourty Only
6	Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and Usage charges of machinery complete as per specifications.	Sqm	312.80	1065.60	One Thousand SixtyFive Paise Sixty Only
7	Providing Thermo-Mechanically Treated bars of grade Fe 550 Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members wherever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)	Kg	297.00	89.40	EightyNine Paise Fourty Only
8	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m ² over and including priming coat of exterior primer applied @ 2.20 kg/10 m ²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge	Sqm	237.77	126.60	One Hundred TwentySix Paise Sixty Only
9	Finishing with Epoxy paint (two coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On concrete work including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge	Sqm	381.83	128.50	One Hundred TwentyEight Paise Fifty Only

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Yelahanka Zone

Bruhat Bangalore Mahanagara Palike

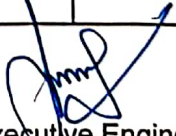
	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and	Cum	3.39	189.90	One Hundred EightyNine Paise Ninety Only
11	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3)	Cum	3.90	110.00	One Hundred Ten Only
12	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km	T.km	4.99	89.40	EightyNine Paise Fourty Only
13	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for	Sqm	25.41	10553.90	Ten Thousand Five Hundred FiftyThree Paise Ninety Only
14	Repair of pull and push type rolling shutters of made of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations the which ever parts unserviceable should be replace (Springs, wheels, Shaft & replace the leafs which corroded) new one with all necessary including cost of materials, labour, complete as per specifications	Sqm	18.31	432.73	Four Hundred ThirtyTwo Paise SeventyThree Only

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Executive Engineer
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 BANGALORE - 560034

	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate sections and other sections of approved make conforming to IS: 733 and IS:1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron) including cost of materials, labour, usage charges	Kg	133.42	430.90	Four Hundred Thirty Paise Ninety Only
16	Providing and fixing 12 mm thick prelaminated particle board flatpressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-incharge: Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side including cost of materials,	Sqm	2.62	745.50	Seven Hundred FortyFive Paise Fifty Only
17	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required:W.C. pan with ISI marked white solid plastic seat and lid	Each	3.00	4657.70	Four Thousand Six Hundred FiftySeven Paise Seventy Only
18	Supply steel almirah with shelves & locker 6.6 ft 18/20 gauge of size 78"X36"X19"etc., including of all taxes as per approved by engineer in charge complete as per specifications	Nos	3.00	6760.00	Six Thousand Seven Hundred Sixty Only


 Signature of the Contractor


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